



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
ILLINOIS, Northwest									
Hancock County									
2 NNW Hamilton	02	1547CST 1548CST			0	0			Funnel Cloud
Funnel cloud north of Hamilton									
Henderson County									
Carman	02	1614CST			0	0	3K		Hail(1.00)
Emergency manager also reported estimated 43 knot (50 mph) winds.									
Hancock County									
Dallas City	02	1615CST			0	0	5K		Hail(1.00)
Henderson County									
Oquawka	02	1616CST			0	0			Hail(0.88)
McDonough County									
3.8 S Colmar	02	1620CST			0	0	12K		Thunderstorm Wind (EG65)
A trailer was ripped from its foundation and a shed roof was ripped off. The location is 0.5 miles east of Plymouth and just east of the Hancock/McDonough county line.									
McDonough County									
Blandinsville	02	1630CST			0	0	10K		Hail(1.75)
Relayed by media									
McDonough County									
Industry to 1 E Industry	02	1630CST 1635CST			0	0	4K		Thunderstorm Wind (EG61)
Two foot diameter pine trees uprooted with shingles off a house and garage. A basketball stand was blown over onto an automobile causing damage. Power lines and a privacy fence were downed.									
McDonough County									
Macomb	02	1631CST 1632CST			0	0	0.50K		Hail(0.88)
On WIU campus.									
Henderson County									
Oquawka	02	1636CST			0	0	5K		Hail(1.00)
Also reported by a spotter; nickel to quarter size hail covering the ground.									
McDonough County									
Bushnell	02	1640CST			0	0	20K		Thunderstorm Wind (EG65)
NWS survey found numerous trees and power lines down with several poles snapped. Several houses and trailers on the southeast side of town had minor roof and siding damage. Major damage was sustained to one mobile home and a metal pole barn. Winds were estimated at 61-70 knots (70-80 mph).									
McDonough County									
Bushnell to Adair	02	1640CST			0	0	15K		Thunderstorm Wind (EG65)
Law enforcement reported 6 poles and wires down on highway 41 between Bushnell and Adair. NWS survey estimates winds of 61-70 knots (70-80 mph).									
Warren County									
Swan Creek	02	1642CST			0	0			Hail(0.88)
Also estimated 35 knot (40 mph) winds.									



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					Killed	Injured	Property Crops	

ILLINOIS, Northwest

Warren County

Roseville	02	1645CST			0	0	0.50K	Hail(0.88)
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Warren County

Roseville	02	1645CST			0	0	2K	Thunderstorm Wind (EG61)
Trees down								

Carroll County

9 NW Mt Carroll	02	1755CST			0	0	0.50K	Hail(0.88)
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McDonough County

Macomb	02	2145CST 2350CST			0	0		Heavy Rain
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Street flooding at the intersection of Adams and Charles streets.

A strong spring storm system moved from the central Plains into the Great Lakes region on 2 April 2006. A strong low level jet of 40-50 knots (46-58 mph) allowed thunderstorms to develop in the semi-moist atmosphere of the warm sector. These storms rapidly developed into a squall line that raced northeast across far northeast Missouri, southeast Iowa, and west central Illinois. The storms were prolific non-severe hail producers while at the same time producing severe hail. Eight tornadoes were produced across southeast Iowa and west central Illinois by this squall line. A second squall line developed along the occluded front in eastern Iowa and moved northeast into northwest Illinois producing some wind and hail damage

Henderson County

1 N Terre Haute	02	1616CST	0	25	0	0		Tornado (F0)
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rated F0.

A weak F0 tornado briefly touched down near the intersection of highways 94 and 96.

McDonough County

3 S Blandinsville to 3 N Good Hope	02	1620CST 1630CST	12	233	0	0	150K	Tornado (F1)
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Rated F1

A supercell produced a long track tornado across northern McDonough county. The tornado first touched down 3 miles south of Blandinsville and moved east-northeast. The tornado moved through the town of Sciota in the 1629-1630 CST time period and dissipated shortly after crossing U.S. 67 2.5 miles north of Good Hope. Considerable damage occurred to trees and buildings along its path.

The Hire Township maintenance garage was destroyed. A metal pole barn was destroyed and another heavily damaged. Two wood barns and 7 grain bins were destroyed along the path with 4 grain bins heavily damaged. Most of the damage occurred roughly 3 miles south of Blandinsville.

Henderson County

2 S Carman	06	1200CST			0	0		Hail(0.75)
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Large marble hail with some stones estimated to be penny size.

McDonough County

Blandinsville	06	1220CST 1231CST			0	0		Heavy Rain
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Water ponded on the road.

McDonough County

Walnut Grove	06	1235CST 1335CST			0	0		Heavy Rain
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2 inches of rain with storms.



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April 2006									
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					Killed	Injured	Property	Crops	
<u>ILLINOIS, Northwest</u>									
Warren County									
1.4 SE Youngstown	06	1300CST			0	0			Hail(0.75)
Dime to penny sized hail; 2.10 inches of rain with afternoon storms.									
McDonough County									
2.2 ENE Walnut Grove	06	1305CST			0	0			Hail(0.75)
Along the Warren/McDonough County line.									
Warren County									
5.5 S Greenbush	06	1305CST			0	0			Hail(0.75)
Along the Warren/McDonough County line.									
Another upper level disturbance allowed scattered thunderstorms to develop during the morning and afternoon hours across Iowa and Illinois. A supercell thunderstorm developed southwest of Ottumwa, Iowa and moved east across southeast Iowa and into west central Illinois. This supercell thunderstorm was a prolific hail and heavy rain producer but produced no severe winds due to being elevated.									
Whiteside County									
Sterling	13	1947CST 2000CST			0	0			Heavy Rain
1.05 inches of rain									
Whiteside County									
Sterling	13	1957CST			0	0			Hail(0.75)
pea to penny size hail									
Stephenson County									
2 NW Freeport	13	2029CST			0	0			Hail(0.75)
Rock Island County									
Illinois City	13	2044CST			0	0	5K		Hail(1.00)
quarter size hail covering the ground to a depth of 2-3 inches.									
Rock Island County									
Andalusia	13	2046CST			0	0	5K		Hail(1.00)
Rock Island County									
Illinois City	13	2046CST			0	0	10K		Hail(1.75)
Muscatine spotter relayed report									
Mercer County									
Countywide	13	2050CST 2115CST			0	0	100K		Thunderstorm Wind (EG70)
Several supercell storms slowed down and transformed into high precipitation supercells across Mercer county. Widespread reports of damage to trees and power lines were received. Illinois Highway 17 was closed between Aledo and Joy due to the number of power lines, poles, and trees down across the road. The road did not open until the following afternoon. Specific locations of severe damage will be given as separate entries.									
Mercer County									
Joy	13	2050CST 2057CST			0	0	250K		Thunderstorm Wind (EG78)
Numerous trees and power lines were downed in Joy. Westmer High School had considerable roof damage done to the gymnasium. The outer roof of the Frontier Communications Building was peeled off. A mobile home just north of Joy was destroyed									
Bureau County									
Princeton	13	2051CST			0	0			Hail(0.75)
dime size hail									



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ILLINOIS, Northwest									
Mercer County									
2 NW Millersburg	13	2051CST 2057CST			0	0	50K		Thunderstorm Wind (EG65)
Roof off a barn with damage to the siding. Paint was stripped from the house with damage done to the garage									
Mercer County									
Aledo	13	2055CST 2102CST			0	0	20K		Hail(1.25)
Window cracked with hole the size of a half dollar; pea to half dollar size hail during the storm.									
Mercer County									
Viola	13	2055CST 2058CST			0	0	5K		Hail(1.00)
Mercer County									
Aledo	13	2059CST 2120CST			0	0	10K		Thunderstorm Wind (EG57)
Trees/limbs and power lines down across the city.									
Mercer County									
4.2 NW Matherville	13	2103CST 2109CST			0	0	35K		Thunderstorm Wind (EG61)
Location is about 2.5 miles south of Reynolds on the Berenger farm. Damage to the siding and roof of the house with damage to several outbuildings.									
Putnam County									
Putnam	13	2103CST			0	0			Hail(0.88)
dime to nickel size hail with heavy rain									
Mercer County									
New Windsor	13	2108CST 2115CST			0	0	5K		Hail(1.00)
Mercer County									
8.5 WSW North Henders	13	2109CST			0	0			Hail(0.88)
Location is 4WNW Alexis									
Warren County									
Alexis	13	2111CST 2118CST			0	0	30K		Thunderstorm Wind (EG70)
While a tornado was moving across the north part of the town (in Mercer County), downburst winds or the rear flank downdraft downed power lines and trees in the south part of the town with varying amounts of damage done to structures									
Henry County									
5.9 NW Atkinson	13	2115CST			0	0	30K		Thunderstorm Wind (EG70)
A grain bin was destroyed when it was tossed over a corn crib on the Steve Carton farm by a downburst or possible microburst. Radar data indicated a bowing segment of thunderstorms and the farm was just to the right of the bow apex.									
Warren County									
3.4 ENE Little York	13	2115CST 2121CST			0	0	70K		Thunderstorm Wind (EG70)
Grain bin destroyed with damage to the house and garage.									



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<u>ILLINOIS, Northwest</u>								
Warren County								
2.5 S Alexis	13	2117CST 2121CST			0	0		Hail(0.75)
Bureau County								
2.7 NE Whitefield	13	2119CST 2122CST			0	0		Hail(0.88)
Location is on the Bureau/Putnam line; pea to nickel size hail								
Putnam County								
3.8 WSW Putnam	13	2119CST 2122CST			0	0		Hail(0.88)
Location is 3SSW of Lake Thunderbird on the Putnam/Bureau line; pea to nickel size hail								
Mercer County								
North Henderson	13	2120CST			0	0		Hail(0.75)
dime size hail								
Henry County								
Cambridge	13	2135CST			0	0		Hail(0.88)
Henry County								
Cambridge	13	2135CST			0	0	2K	Thunderstorm Wind (EG52)
EM estimated 60 mph winds								
Henry County								
Galva	13	2245CST			0	0		Hail(0.75)
Putnam County								
Countywide	13 14	2345CST 0008CST			0	0	15K	Hail(1.75)
Lake Thunderbird to Magnolia; radar would indicate a near continuous hail swath. Based on the reports received from spotters, the hail likely varied from nickel to golfball size.								
Putnam County								
Putnam	13	2345CST			0	0	10K	Hail(1.75)
Putnam County								
Magnolia	14	0008CST			0	0	10K	Hail(1.75)
An upper level disturbance combined with a strong low level jet of 30 to 40 knots initiated thunderstorms in a semi-moist atmosphere across eastern Iowa and northwest Illinois. This low level jet strengthened to 50 to 55 knots across eastern Iowa and northwest Illinois around sunset. Favorable shear profiles allowed supercells to develop that were prolific large hail producers. Additionally, numerous tornadoes were produced causing considerable damage.								
Rock Island County								
8.5 W Illinois City to 6.5 W Illinois City	13	2020CST 2026CST	2.7	220	0	0	5K	Tornado (F0)
Entered from Muscatine County Iowa.								
Tornado developed 4.2 miles west southwest of Muscatine Iowa at 2013 CST and moved east southeast crossing the Mississippi River into Rock Island County Illinois at 2020 CST. Upon reaching dry land on the Illinois side of the Mississippi River, the tornado turned to the north and dissipated just south of highway 92 6.5 miles west of Illinois City. Spotters on both sides of the river observed the tornado cross the Mississippi.								
Intermittent F0 tree damage was noted in far southwest Rock Island County.								



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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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ILLINOIS, Northwest

Rock Island County

6.2 SW Illinois City to 5.1 SSW Illinois City	13	2029CST 2033CST	1.9	880	0	0	5K		Tornado (F1)
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Crossed into Mercer County

Tornado developed just north of the Rock Island/Mercer County line near 297th Street West at 2029 CST and moved east southeast 1.9 miles and entered into Mercer County at 2033 CST. The tornado continued moving east southeast in Mercer County and dissipated 0.8 miles west of Hamlet at 2055 CST. Intermittent F0 and F1 damage was noted to trees and outbuildings along its path.

Mercer County

2.9 NNE Eliza to .8 W Hamlet	13	2033CST 2055CST	11.1	880	0	0	15K		Tornado (F1)
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Entered from Rock Island County

Tornado developed at 2029 CST 6.2 miles southwest of Illinois City near 297th Street West in Rock Island County and crossed into Mercer County 2.9 miles north northeast of Eliza at 2033 CST. The tornado continued moving east southeast for 11.1 miles and dissipated 0.8 miles west of Hamlet. Intermittent F0 and F1 damage was noted to trees and outbuildings along its path

Mercer County

1 NW Mannon to .5 ESE Mannon	13	2057CST 2101CST	1.5	100	0	0	50K		Tornado (F1)
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Rated F1

Tornado developed 1 mile northwest of Mannon at 2057 CST and moved southeast just missing the village and dissipated 0.5 miles east southeast of Mannon at 2101 CST. A mobile home was destroyed.

Mercer County

1.1 WNW Matherville to 1 E Matherville	13	2107CST 2111CST	2	50	0	0	30K		Tornado (F2)
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Rated low F2

Tornado developed just east of 240th Street at 2107 CST and tracked generally east across the far northern part of Matherville and dissipated just west of U.S. 67 east of Matherville at 2111 CST.

Two homes had roof damage done to them with the sheriff's office indicating one house was completely unroofed.

Mercer County

5 WSW North Henderso 4.5 WSW North Henders	13	2112CST 2115CST	0.8	200	0	0	100K		Tornado (F1)
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Rated high F1

The location of this tornado is Alexis, Illinois which straddles the county line between Mercer and Warren Counties.

Tornado began on the northwest side of Alexis at 2112 CST and moved east across the northern part of the village. It dissipated on the east side close to the abandoned railroad tracks at 2115 CST. The damage path is north of First Avenue. A parsonage on the west side of town had 75 percent of its roof torn off with the roof blown onto the house next door. Across the north side of town, several sheds were heavily damaged or destroyed with considerable tree damage. One house had its roof completely torn off with varying roof damage to numerous other houses. Several utility poles were snapped in half.



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<u>ILLINOIS, Northwest</u>									
McDonough County									
Industry	14	0749CST			0	0			Hail(0.88)
Nickel sized hail fell on the north side of town.									
A strong low level jet combined with an upper level disturbance to produce elevated thunderstorms in a semi-moist atmosphere. One lone storm pulsed severe and dropped nickel sized hail across the north edge of Industry, Illinois.									
Henderson County									
Carthage Lake	15	2310CST 2313CST			0	0			Hail(0.88)
Penny to nickel sized hail									
An upper level disturbance allowed thunderstorms to develop in a semi-dry to semi-moist atmosphere across eastern Iowa and west central Illinois. A pulse severe storm occurred just east of the Mississippi River in Henderson County at Carthage Lake. In Iowa, a line of thunderstorms produced a series of damaging downbursts across Cedar County near the Tipton and Clarence areas									
Carroll County									
Milledgeville	16	0549CST 0554CST			0	0	5K		Hail(1.00)
also reported by law enforcement. Hail covered the ground.									
Stephenson County									
2.4 E Eleroy	16	0622CST			0	0	2K		Hail(1.00)
Jct of U.S. 20 & Bus 20; covered the ground									
Stephenson County									
2 W German Vly	16	0642CST 0645CST			0	0			Hail(0.75)
dime size hail									
Stephenson County									
Freeport	16	1055CST			0	0			Hail(0.75)
Henry County									
4 E Geneseo	16	1342CST 1343CST			0	0			Funnel Cloud
seen on Interstate 80									
Henry County									
3 NE Geneseo	16	1400CST			0	0	0.50K		Thunderstorm Wind (EG52)
Tree blown down									
Scattered thunderstorms developed in a semi-moist atmosphere that was north of a warm front from central Iowa to central Illinois. The severe storms were mainly of the pulse variety producing hail. Additional rounds of storms developed in the late morning and early afternoon as low pressure moved east along the front									
McDonough County									
Bushnell	18	2155CST			0	0			Hail(0.75)
pea to dime size hail									
Mercer County									
3.4 ENE Seaton	18	2158CST			0	0			Hail(0.75)
1/4 mile east of IL 94 on 30th Ave.									
An upper level disturbance developed scattered thunderstorms in a semi-dry to semi-moist atmosphere. Two storms pulsed severe and produced penny sized hail 3.4 miles east northeast of Seaton and in the city of Bushnell.									



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					Killed	Injured					

ILLINOIS, Northwest

ILZ007-009-026

Carroll - Whiteside - Warren

26	0400CST				0	0					Frost/Freeze
	0800CST										

Unseasonably cold weather settled across eastern Iowa and northern Illinois on the early morning hours of 26 April. Morning low temperatures were in the upper 20s with Lowden, Iowa and Morrison, Illinois both reporting 26 degrees. Mt. Carroll, Illinois recorded 22 degrees.

These cold temperatures met or exceeded the median or 10 percent probability of reaching temperatures of such magnitude, and in some cases, beat the possible date of occurrence by 7 to 10 days. Abnormally warm weather two weeks prior to this event resulted in many trees leafing out. There was probable damage done to fruit orchards or farms but the extent is unknown. The damage is likely less than the freeze that took place in early May of 2005.

Rock Island County

1 NW Oak Grove

30	1526CST				0	0	2K			Hail(1.00)
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Nickel to quarter sized hail. Location is in the southwest part of the city of Rock Island northwest of Oak Grove and near Highland Springs Golf Course.

Rock Island County

Milan

30	1530CST				0	0			Hail(0.88)
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Nickel sized hail

Rock Island County

Rock Is

30	1530CST				0	0			Heavy Rain
	1550CST								

2 inches of rain in the past 20 minutes.

Rock Island County

Rock Is

30	1534CST				0	0			Hail(0.88)
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Pea to nickel sized hail with heavy rain.

Rock Island County

1 WNW Oak Grove

30	1544CST				0	0			Hail(0.75)
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dime size hail

Rock Island County

Milan

30	1546CST				0	0			Heavy Rain
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1.75 inches of rain in the past 30 minutes; 6-8 inches of water running along the curbs.

Henry County

Colona

30	1630CST				0	0			Heavy Rain
	1655CST								

Ditches starting to fill up from the heavy rain.

Rock Island County

Rock Is

30	1630CST				0	0			Heavy Rain
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Street flooding; 1.97 inches of rain between 1500 and 1600 CST.

A slow moving occluded front running from Prairie Du Chien, Wisconsin to Springfield, Illinois provided the focus for thunderstorms to develop in a semi-moist atmosphere. A few pulse severe storms occurred in the metropolitan area which produced mainly hail. Although the storms were fast movers, training of storms occurred along the front that resulted in rainfall rates of up to 2 inches in one hour or less. This training resulted in streets flooding with standing water of up to 8 inches deep. The city of Milan



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ILLINOIS, Northwest

bore the brunt of the training storms with many downtown streets filled with water. Fourth Street passing under I-280 saw the worst flooding with standing water estimated at 1-2 feet deep.

IOWA, East Central and Southeast

Van Buren County

.5 W Pittsburg to 2.6 NE Pittsburg	02	1503CST 1508CST	3	100	0	0	30K	Tornado (F2)
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Rated F2.

Tornado touched down about 0.5 miles west of Pittsburg near a cemetery and continued northeast for 3 miles just along the west edge of the Des Moines River. Along this path, 2 homes were unroofed and 4 outbuildings were destroyed. Many trees were snapped or uprooted and power poles were blown down.

Van Buren County

Cantril	02	1506CST 1508CST			0	0		Hail(0.75)
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dime size hail

Jefferson County

Fairfield	02	1515CST			0	0	2K	Thunderstorm Wind (EG61)
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Tree and mailboxes down in Fairfield.

Jefferson County

Fairfield	02	1520CST 1528CST			0	0		Hail(0.75)
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Pea to dime size hail, accumulated up to one inch deep in places. Also estimated 35 to 43 knot (40 to 50 mph) winds.

Lee County

2 SW Donnellson	02	1535CST			0	0		Hail(0.75)
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dime size hail. Time estimated based on radar.

Henry County

Mt Pleasant	02	1537CST 1541CST			0	0		Hail(0.75)
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ham report; dime size hail

Henry County

3 S Mt Pleasant	02	1540CST			0	0		Hail(0.75)
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dime size hail. Time estimated based on radar.

Washington County

Washington Arpt	02	1546CST 1556CST			0	0	0.50K	Thunderstorm Wind (MG53)
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KAWG AWOS

Washington County

1.8 NNE Washington	02	1549CST 1554CST			0	0	4K	Thunderstorm Wind (EG61)
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Power lines were downed on 220th Street just west of County W61 by a downburst from the mesocyclone of the Washington tornado or a rear flank downdraft. Winds estimated at 61 knots (70 mph).

Des Moines County

2 N Danville to 3 N Danville	02	1550CST 1553CST			0	0		Funnel Cloud
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Funnel and wall cloud north of Danville.



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<u>IOWA, East Central and Southeast</u>									
Des Moines County									
2.2 NW Danville	02	1550CST 1600CST			0	0			Hail(0.75)
Jct U.S. 34 & X27; dime size hail with a lot of pea hail									
Lee County									
1 N Keokuk	02	1551CST			0	0	2K		Hail(1.00)
Washington County									
2.7 N Washington	02	1551CST 1556CST			0	0	25K		Thunderstorm Wind (EG74)
Damage was first noted by law enforcement on a farmstead on 220th Street. The owners report the loss of the porch roof with windows blown out of the house. A machine shed had a wall caved in with power lines down.									
Des Moines County									
3.1 SSW Danville	02	1553CST 1555CST			0	0			Hail(0.75)
At Harmony Bible Church									
Washington County									
2.2 NW Haskins	02	1554CST 1604CST			0	0	10K		Thunderstorm Wind (EG65)
Straight line winds destroyed a barn on the Rick Gerot farm.									
Washington County									
9.5 NE Washington	02	1557CST 1602CST			0	0	5K		Thunderstorm Wind (EG74)
First discovered by law enforcement. Owners report a utility shed was flattened and scattered across the property.									
Louisa County									
Cotter	02	1558CST 1604CST			0	0	1K		Thunderstorm Wind (EG74)
Pine trees snapped off at the base.									
Des Moines County									
Middletown	02	1559CST			0	0	0.50K		Hail(0.88)
Johnson County									
Lone Tree	02	1610CST			0	0			Hail(0.75)
Johnson County									
Tiffin	02	1612CST			0	0	0.50K		Hail(0.88)
also reported by hams; dime to nickel size hail									
Washington County									
2 E Riverside	02	1614CST			0	0	2K		Thunderstorm Wind (EG61)
Power lines down									
Muscatine County									
Muscatine	02	1622CST 1625CST			0	0			Hail(0.75)
dime size hail									
Cedar County									
1 WSW Lowden to 1 NW Lowden	02	1645CST			0	0	5K		Thunderstorm Wind (EG61)
From co-op observer; power poles snapped off with damage noted to evergreen trees. Shingles were noted missing from a barn. Time estimated based on radar.									



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April 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
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IOWA, East Central and Southeast

Linn County

Lisbon to 1 E Lisbon	02	1648CST			0	0	1K	Hail(1.00)
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Also reported by amateur radio; dime to quarter size hail from Lisbon to the Linn/Cedar county line.

Cedar County

Stanwood	02	1653CST 1658CST			0	0		Hail(0.75)
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dime size hail

Cedar County

6.3 WNW Mechanicsville	02	1655CST			0	0	1K	Hail(0.75)
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On the Linn/Cedar county line.

Clinton County

2.4 NE Lost Nation	02	1702CST 1709CST			0	0	10K	Thunderstorm Wind (EG70)
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An outbuilding was blown 5 feet off its foundation, breaking the frame and tilting it at a 30 degree angle. The one thing preventing total collapse was a tractor inside the building.

Jones County

Anamosa	02	1715CST			0	0		Hail(0.75)
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Media relayed public report of dime size hail

Jackson County

Otter Creek	02	1743CST			0	0		Hail(0.75)
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Des Moines County

2.2 NW Danville	02	2045CST			0	0		Heavy Rain
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Deputy reported zero visibility at the intersection of U.S. 34 and X27.

A strong spring storm system moved from the central Plains into the Great Lakes region on 2 April 2006. A strong low level jet of 40-50 knots (46-58 mph) allowed thunderstorms to develop in the semi-moist atmosphere of the warm sector. These storms rapidly developed into a squall line that raced northeast across far northeast Missouri, southeast Iowa, and west central Illinois. The storms were prolific non-severe hail producers while at the same time producing severe hail. Eight tornadoes were produced across southeast Iowa and west central Illinois by this squall line. A second squall line developed along the occluded front in eastern Iowa and moved northeast into northwest Illinois producing some wind and hail damage

Van Buren County

1 N Mt Zion to 2.6 NE Mt Zion	02	1515CST 1520CST	2	50	0	0	15K	Tornado (F1)
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Rated F1

The second tornado of a cyclic supercell developed 0.7 miles north of Mt Zion and moved northeast for 2 miles and dissipated shortly after crossing highway 16 2.2 miles south of Winchester or 2.6 miles northeast of Mt Zion. A roof was blown off a barn with minor roof damage to a house. Several outbuildings were destroyed with tree damage noted

Jefferson County

5.8 S Fairfield to 5.7 S Fairfield	02	1518CST 1519CST	0.3	50	0	0	10K	Tornado (F1)
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Rated F1

A tornado touched down south of Fairfield destroying an outbuilding and dissipated shortly after crossing highway 1.



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
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IOWA, East Central and Southeast

Van Buren County

Stockport to 3 NE Stockport	02	1519CST 1524CST	3	50	0	0	10K	Tornado (F1)
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Rated F1

The third tornado of a cyclic supercell produced an F1 tornado in Stockport and moved northeast for 3 miles before dissipating. Several outbuildings and trees were either destroyed or damaged.

Washington County

Washington	02	1546CST 1548CST	1	75	0	0	25K	Tornado (F2)
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Rated F2

A supercell spawned a tornado on the west side of Washington at West Main Street and moved northeast for 1 mile. A garage was completely unroofed and a shed was destroyed. Numerous trees were snapped along the path and metal sheeting was torn off a business near the end of the path.

Near environmental, model, and radar data suggests that if the subcloud layer could have been slightly more unstable, a much stronger tornado would probably have occurred causing significant damage.

Washington County

2.6 SSW Riverside to 2.5 SSW Riverside	02	1600CST	0.1	50	0	0	5K	Tornado (F1)
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Rated F1. Time estimated based on radar and other reports.

The second tornado of a cyclic supercell produced a brief touchdown south southwest of Riverside. A deputy observed the tornado and discovered power poles and lines down at the intersection of County W61 (Riverside Road) and Spruce Avenue

Washington County

.5 S Washington Arpt	05	1920CST			0	0	5K	Hail(0.75)
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Penny sized hail.

Washington County

Haskins	05	2259CST			0	0	20K	Hail(0.75)
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Penny sized hail.

An upper level disturbance allowed scattered thunderstorms to develop in a semi-dry to semi-moist atmosphere. Two separate storms pulsed severe and produced penny sized hail.

Van Buren County

Lacey Keosauqua Sp	06	1015CST			0	0	5K	Hail(1.75)
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3 minute duration

Van Buren County

Keosauqua	06	1016CST 1019CST			0	0	20K	Hail(1.75)
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Hail ranged from 1 to 1.75 inches. Several reports were received from the general public and fire department.

Van Buren County

5.1 NW Keosauqua	06	1043CST			0	0	5K	Hail(0.75)
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penny size hail



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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IOWA, East Central and Southeast

Van Buren County

Keosauqua	06	1045CST			0	0			Hail(0.75)
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A second severe thunderstorm developed on the flanking line of the original supercell. This storm produced marginal severe hail for 3 minutes. The combined duration of the severe and non-severe hail was 10 minutes from 1034 to 1044 CST.

Lee County

1 W West Pt to West Pt	06	1130CST			0	0	5K		Hail(1.00)
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Lee County

1 N West Pt to West Pt	06	1133CST			0	0	4K		Hail(1.00)
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Severe hail occurred 1 mile west of West Point from 1126-1127 CST and moved into West Point proper by 1132-1133 CST. The core of the super cell expanded as it moved into West Point to allow severe hail to occur 1 mile north of West Point at 1130-1131 CST.

Des Moines County

West Burlington	06	1140CST			0	0			Hail(0.75)
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dime size hail

Des Moines County

Burlington	06	1145CST			0	0			Hail(0.88)
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nickel hail covering the ground in a swath from the west to north sides of the city.

Lee County

2 W Denmark to Denmark	06	1145CST			0	0	5K		Hail(1.00)
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The first report of severe hail came from spotters 2 miles west of Denmark during the 1134-1135 CST time period with penny sized hail observed. Law enforcement reported a total hail duration of 10 minutes in Denmark with severe hail of 1 inch occurring in the 1138-1140 CST time period.

Lee County

Wever	06	1150CST 1157CST			0	0	5K		Hail(1.25)
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Dime to nickel sized hail covering the ground with a few measured stones of 1.25 inch (half dollar) size with a photo taken.

Another upper level disturbance allowed scattered thunderstorms to develop during the morning and afternoon hours across Iowa and Illinois. A supercell thunderstorm developed southwest of Ottumwa, Iowa and moved east across southeast Iowa and into west central Illinois. This supercell thunderstorm was a prolific hail and heavy rain producer but produced no severe winds due to being elevated.

Benton County

9 WSW Garrison	13	1807CST			0	0	3K		Hail(1.00)
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Relayed by EM; quarter size hail at 63rd St & highway 21 on the Tama/Benton Line.

Benton County

2 W Garrison	13	1807CST			0	0	1K		Hail(1.00)
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Relayed by EM; dime to quarter size hail



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property Crops	
<u>IOWA, East Central and Southeast</u>								
Iowa County								
Victor	13	1814CST			0	0		Hail(0.88)
Benton County								
3.2 SE Garrison	13	1822CST 1825CST			0	0		Hail(0.75)
		63rd Street & 20th Ave						
Linn County								
2 N Cedar Rapids	13	1823CST 1827CST			0	0		Hail(0.88)
Benton County								
2.7 W Vinton	13	1828CST 1835CST			0	0		Hail(0.88)
		61st Street & 22nd Avenue						
Buchanan County								
Jesup	13	1828CST			0	0		Hail(0.88)
		dime to nickel size hail						
Benton County								
2.5 S Garrison	13	1829CST			0	0	4K	Hail(1.00)
		63rd Street & 18th Avenue; covering the ground						
Benton County								
7 SW Vinton	13	1829CST 1833CST			0	0		Hail(1.75)
		Quarter to golf ball sized hail.						
Linn County								
Cedar Rapids	13	1829CST			0	0		Lightning
		Spotter from Buchanan county indicated KCRG-TV is reporting that lightning hit a church in Cedar Rapids						
Iowa County								
Marengo	13	1831CST			0	0	5K	Hail(1.00)
Benton County								
3.2 SE Garrison	13	1832CST 1835CST			0	0	7K	Hail(1.75)
		63rd Street & 20th Avenue						
Buchanan County								
Lamont	13	1832CST 1836CST			0	0	4K	Hail(1.00)
		Hail of unknown size also reported falling in Winthrop 1833-1836 CST; based on radar trends and other reports, the hail is estimated at dime size (0.70 inch).						
Buchanan County								
Independence	13	1833CST			0	0	2K	Lightning
		Lightning strike at sheriff office						
Benton County								
5.4 SSW Vinton to 6 S Vinton	13	1835CST			0	0	7K	Hail(1.00)
		Also reported by a spotter. Hail fell from 64th Street & 23rd Avenue to 65th Street & Highway 218						
Buchanan County								
5 N Independence	13	1835CST			0	0	2K	Hail(1.00)
		Spotter also reported straight line winds of unknown strength.						



National Weather Service

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April 2006

April 2006								
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property Crops	Character of Storm
<u>IOWA, East Central and Southeast</u>								
Buchanan County Jesup	13	1836CST			0	0	1K	Thunderstorm Wind (EG52)
Linn County Alburnett	13	1837CST			0	0	8K	Hail(1.75)
Linn County Alburnett	13	1837CST Golf ball sized hail.			0	0		Hail(1.75)
Benton County 2 N Van Horne	13	1838CST 68th Street & 21st Avenue			0	0	4K	Hail(1.75)
Johnson County 6.4 WNW Swisher	13	1838CST 1842CST Report is from Co-op observer located 1.9 miles southeast of Walford on the Linn/Johnson line; walnut size hail			0	0	2K	Hail(1.50)
Linn County Cedar Rapids	13	1838CST			0	0	8K	Hail(1.00)
Linn County 4.4 SSW Fairfax	13	1838CST 1842CST Report is from Co-op observer located 1.9 miles southeast of Walford on the Linn/Johnson line; walnut size hail			0	0	2K	Hail(1.50)
Buchanan County Rowley	13	1839CST Rowley Fire reported a lightning strike with unknown damage.			0	0		Lightning
Johnson County 6.4 WNW Swisher	13	1839CST 1845CST Report is from Co-op observer located 1.9 miles southeast of Walford on the Linn/Johnson line; tree branches down. The KCID ASOS (located about 5 miles east northeast) reported a 49 knot wind gust at 1919 CST.			0	0	0.50K	Thunderstorm Wind (EG50)
Linn County 4.4 SSW Fairfax	13	1839CST 1845CST Report is from Co-op observer located 1.9 miles southeast of Walford on the Linn/Johnson line; tree branches down. The KCID ASOS (located about 5 miles to the east northeast) reported a 49 knot wind gust at 1919 CST.			0	0	0.50K	Thunderstorm Wind (EG50)
Iowa County South Amana	13	1840CST 1841CST quarter to half dollar size hail.			0	0	2K	Hail(1.25)
Linn County 1.5 SW Cedar Rapids	13	1840CST 1845CST			0	0	3K	Hail(1.00)
Delaware County Edgewood	13	1841CST 1844CST			0	0	1K	Hail(1.00)



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Storm Data and Unusual Weather Phenomena



April 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
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IOWA, East Central and Southeast

Benton County

Van Horne	13	1843CST 1847CST			0	0	5K	Hail(1.75)
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Mainly quarter size hail with some golfball size hail just before ending.

Iowa County

Amana	13	1843CST 1845CST			0	0	5K	Hail(1.75)
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golfball size hail

Benton County

1.2 SW Van Horne to 1 W Newhall	13	1844CST 1855CST			0	1	150K	Thunderstorm Wind (EG61)
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NWS storm survey indicates a one mile wide swath of estimated 61 knot (70 mph) winds centered along 71st Street. Several outbuildings were destroyed with tree and roof damage and a tractor trailer rig was blown over. Some windows were blown out causing minor structural damage. One injury occurred with this event. A 22 year old male was hurt when the outbuilding collapsed around him.

Linn County

Cedar Rapids	13	1845CST 1852CST			0	0	10K	Hail(1.00)
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Multiple reports of nickel to quarter size hail

Benton County

Newhall	13	1848CST 1851CST			0	0	5K	Hail(1.75)
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golfball size hail

Johnson County

Oxford	13	1848CST 1851CST			0	0		Hail(0.75)
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dime size hail

Linn County

Cedar Rapids	13	1851CST 1908CST			0	0	50K	Hail(1.50)
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Numerous reports of penny to half dollar size hail.

Benton County

Atkins	13	1855CST			0	0		Hail(1.00)
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Buchanan County

Lamont	13	1855CST 1900CST			0	0	20K	Hail(2.50)
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lemon size hail

Benton County

Atkins	13	1857CST 1901CST			0	0	8K	Hail(1.75)
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golfball size hail

Johnson County

2.5 SSW Oxford	13	1857CST 1900CST			0	0		Funnel Cloud
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Also report from EM; public reported a funnel cloud near I-80 & Blackhawk Ave NE

Dubuque County

2 N Luxemburg	13	1859CST 1901CST			0	0		Hail(0.75)
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dime size hail



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Storm Data and Unusual Weather Phenomena



April 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>IOWA, East Central and Southeast</u>									
Dubuque County									
2 N Luxemburg	13	1859CST			0	0	0.50K		Thunderstorm Wind (EG52)
									Public report that wind tore off a shed door; dime size hail also occurred.
Johnson County									
Coralville	13	1900CST 1930CST			0	0	515K		Lightning
									Sometime between 1900 and 1930 CST lightning struck a brand new home in Coralville. The resultant fire destroyed the home and strong winds allowed the flames to spread onto a house nearing completion next door.
Johnson County									
3 E Cosgrove	13	1900CST 1905CST			0	0	8K		Hail(1.75)
									Individual observed the Iowa City tornado to the east and Sharon Center tornado to the southeast
Jones County									
1 N Anamosa to Anamosa	13	1901CST			0	0	20K		Hail(1.75)
									Also reported by amateur radio; dime to golfball size hail; vehicles damaged in Anamosa
Johnson County									
Tiffin	13	1902CST 1907CST			0	0	15K		Hail(2.00)
Johnson County									
.3 SE Cou Falls	13	1903CST 1905CST			0	0	2K		Hail(1.75)
									Deputy reported golfball size hail at highway 965 & Cou Falls Rd NW
Johnson County									
2.7 WSW Cosgrove	13	1904CST 1909CST			0	0	1K		Thunderstorm Wind (EG61)
									A few shingles off the farm house and a few fruit trees downed on the Mitch Thompson farm.
Linn County									
Cedar Rapids	13	1905CST 1950CST			0	0			Heavy Rain
									Minor street flooding with water up to the curb in spots.
Benton County									
1 S Walford	13	1906CST 1910CST			0	0			Funnel Cloud
									Public report of a wall cloud in the Walford area.
Johnson County									
1.5 N Williamstown	13	1906CST 1909CST			0	0			Funnel Cloud
									Public report of a possible funnel cloud north of Williamstown.
Johnson County									
2 N Coralville to Coralville	13	1908CST 1911CST			0	0			Hail(0.88)
									Penny to nickel size hail; spotter also reported strong winds



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April 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>IOWA, East Central and Southeast</u>									
Johnson County Oxford	13	1909CST			0	0	10K		Hail(1.75)
		golfball size hail							
Johnson County 5 S Swisher	13	1909CST			0	0	3K		Hail(1.75)
		golfball size hail							
Johnson County 1.1 SW Tiffin	13	1909CST 1914CST			0	0			Funnel Cloud
		Public report of a funnel cloud or possible tornado on the ground southwest of the Tiffin rest area on I-80.							
Delaware County Edgewood	13	1911CST			0	0	2K		Hail(1.00)
Johnson County Tiffin	13	1911CST 1914CST			0	0			Funnel Cloud
Linn County Hiawatha	13	1913CST 1916CST			0	0	4K		Hail(1.25)
		Total hail duration 5 minutes with most of it just under penny size.							
Benton County 1 S Van Horne	13	1916CST			0	0	2K		Hail(1.00)
		71st Street & 21st Avenue; KCRG-TV reports house damage south of Van Horne							
Linn County 2 N Cedar Rapids	13	1916CST			0	0	2K		Hail(1.00)
Johnson County Iowa City	13	1918CST 1925CST			0	0	3K		Hail(1.00)
		Jct of highways 1 & 218.							
Johnson County Iowa City	13	1918CST 1920CST			0	0	50K		Hail(1.75)
		Spotter location is on Glendale Rd at the end of Jefferson; dime to golfball size hail							
Linn County Cedar Rapids	13	1920CST 1922CST			0	0			Hail(1.50)
		Numerous reports of penny to half dollar sized hail.							
Linn County Marion	13	1922CST			0	0			Hail(0.75)
Benton County 1 N Newhall	13	1924CST 1926CST			0	0	1.5K		Hail(1.00)
		70th Street & 27th Avenue							
Jackson County St Donatus	13	1927CST 1929CST			0	0	3K		Hail(1.00)
Johnson County Solon	13	1927CST			0	0			Hail(0.75)
		dime size hail; pea size hail at 1914 CST							



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April 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>IOWA, East Central and Southeast</u>									
Dubuque County									
Asbury	13	1928CST 1935CST			0	0			Heavy Rain
			Public report of a half inch of rainfall.						
Johnson County									
.8 WSW Hills	13	1928CST 1930CST			0	0			Funnel Cloud
			Washington County Deputy reported to Johnson County of a funnel cloud between Riverside and Hills.						
Benton County									
Norway	13	1929CST 1932CST			0	0	2K		Hail(1.00)
Jones County									
Oxford Jct	13	1929CST 1933CST			0	0	5K		Thunderstorm Wind (EG52)
			Spotter reported hearing trees and power lines down on scanner						
Linn County									
Lisbon	13	1932CST			0	0	2K		Hail(1.00)
			Spotter reported 3 stones per square foot.						
Linn County									
1 ENE Cedar Rapids	13	1933CST			0	0	2K		Hail(1.00)
Johnson County									
7 ENE Iowa City	13	1935CST 1938CST			0	0	30K		Hail(2.75)
			Public report of baseball size hail at mile marker 252 on I-80						
Benton County									
.6 W Atkins	13	1936CST			0	0	3K		Hail(1.75)
			71st Street & 32nd Avenue						
Benton County									
1 N Walford	13	1936CST 1941CST			0	0	3K		Hail(1.75)
			On the Benton/Linn Rd						
Linn County									
3.5 SW Fairfax	13	1936CST 1941CST			0	0	3K		Hail(1.75)
			On the Benton/Linn Rd						
Benton County									
Atkins	13	1937CST			0	0			Hail(0.75)
Benton County									
Atkins	13	1937CST			0	0			Heavy Rain
Linn County									
2 WNW Cedar Rapids	13	1937CST			0	0			Hail(0.75)
			Also minor street flooding						
Clinton County									
Clinton Muni Arpt	13	1939CST 1945CST			0	0			Thunderstorm Wind (MG51)
Benton County									
1 S Walford	13	1941CST			0	0	20K		Hail(2.50)
			Reported relayed from Linn County EM of tennis ball size hail						
Benton County									
Mt Auburn	13	1949CST 1952CST			0	0	5K		Hail(1.75)
			Relayed by EM						



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April 2006

April 2006								
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property Crops	
<u>IOWA, East Central and Southeast</u>								
Muscatine County								
West Liberty	13	1949CST			0	0		Hail(0.88)
Cedar County								
West Branch	13	1950CST			0	0		Hail(0.88)
Muscatine County								
2.3 SSW Nichols	13	1951CST 1956CST			0	0	10K	Thunderstorm Wind (EG61)
		Semi blown over on highway 70 at 200th Street						
Muscatine County								
Atalissa	13	1955CST			0	0	5K	Hail(1.00)
Johnson County								
North Liberty	13	1956CST 1959CST			0	0	5K	Hail(1.00)
Muscatine County								
Muscatine	13	1956CST 2002CST			0	0	8K	Hail(1.00)
		Numerous reports of penny to quarter size hail						
Muscatine County								
1 NE Muscatine	13	2005CST			0	0		Hail(0.75)
Johnson County								
Solon	13	2007CST			0	0	3K	Hail(1.00)
		Third round of hail						
Muscatine County								
Muscatine	13	2014CST 2022CST			0	0	30K	Hail(2.00)
		Numerous reports of quarter to tennis ball size hail across city and at the community college; this was the second hail core to hit the city.						
Buchanan County								
2 S Independence	13	2015CST 2017CST			0	0	2K	Hail(1.00)
		penny to quarter size hail; sheriff office reported pea size hail in the city at the same time.						
Muscatine County								
Muscatine Muni Arpt	13	2015CST			0	0	20K	Thunderstorm Wind (MG57)
		AWOS measured 57 kts. Buildings were damaged at the airport.						
Buchanan County								
Independence	13	2016CST			0	0		Hail(0.75)
		up to dime size hail						
Muscatine County								
8 NW Muscatine	13	2022CST			0	0	10K	Hail(2.00)
Muscatine County								
1 N Muscatine	13	2022CST			0	0	5K	Hail(1.75)
Muscatine County								
Muscatine	13	2030CST			0	0	10K	Thunderstorm Wind (EG61)
		power lines down						
Muscatine County								
Muscatine	13	2036CST 2048CST			0	0		Hail(0.88)
		Numerous reports of dime to nickel size hail						



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
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IOWA, East Central and Southeast

Muscatine County

West Liberty	13	2036CST			0	0	2K	Hail(1.00)
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Buchanan County

Independence	13	2045CST			0	0		Hail(1.00)
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Delaware County

Ryan	13	2045CST 2048CST			0	0	2K	Hail(1.00)
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Jones County

Anamosa	13	2104CST			0	0	8K	Hail(1.00)
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Delaware County

4.9 NE Hopkinton to 7 ENE Hopkinton	13	2125CST 2128CST			0	0	3K	Hail(1.00)
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Radar data indicates a continuous hail swath to the Delaware/Dubuque line.

Dubuque County

1.1 SW Worthington to 5.1 SE Worthington	13	2128CST 2136CST			0	0	10K	Hail(1.00)
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Radar data indicates a continuous swath of hail from the Delaware/Dubuque line.

Dubuque County

Bernard to 1.3 S Bernard	13	2154CST			0	0		Hail(0.75)
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dime size hail on the Dubuque/Jackson line.

Jackson County

.8 N Garry Owen	13	2154CST			0	0		Hail(0.75)
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Dime sized hail on the Jackson/Dubuque County line.

An upper level disturbance combined with a strong low level jet of 30 to 40 knots initiated thunderstorms in a semi-moist atmosphere across eastern Iowa and northwest Illinois. This low level jet strengthened to 50 to 55 knots across eastern Iowa and northwest Illinois around sunset. Favorable shear profiles allowed supercells to develop that were prolific large hail producers. Additionally, numerous tornadoes were produced causing considerable damage.

Linn County

4.2 N Marion	13	1840CST 1842CST	1	200	0	0	70K	Tornado (F0)
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Rated high F0

Tornado began near the intersection of County Home Road and North 10th Street at 1840 CST and moved east down County Home Road. A recreational trailer was destroyed with farm outbuilding roofs and trees damaged. A couple of concrete walls were collapsed. A cattle shed collapsed killing some cattle.

Benton County

3 SE Van Horne to .7 S Newhall	13	1850CST 1858CST	4.8	150	0	0	10K	Tornado (F0)
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Rated high F0

Tornado began 3 miles southeast of Van Horne at 1850 CST and continued east along county road W14 and dissipated south of Newhall at 1858 CST. The Newhall fire department observed the tornado crossing highway 287 south of town at 1857 CST. Four power poles were snapped and fences were damaged.

Jones County

3.1 SW Anamosa to	13	1915CST	3.7	880	0	1	100K	Tornado (F1)
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National Weather Service

Storm Data and Unusual Weather Phenomena



April 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property Crops	

IOWA, East Central and Southeast

2.9 SE Anamosa

1922CST

Rated F1

Tornado developed near the intersection of 102nd Street and 215th Avenue 3.1 miles southwest of Anamosa at 1915 CST. The tornado moved across Forest Chapel Rd, U.S. 151, and down Lead Mine Rd before dissipating at highway 64 at 1922 CST. A mobile home was completely destroyed and a 72 year old male was injured. Multiple locations had garages destroyed with extensive damage to roofs and walls of homes.

Johnson County

**1.6 SSW Sharon Center t
3 E Sharon Center**

13

**1916CST
1922CST**

3.6

350

0

0

20K

Tornado (F1)

Rated F1

Tornado developed near the intersection of Sharon Center Rd (or W62) and 530th Street at 1916 CST. The tornado traveled east northeast and dissipated one half mile east of F62 and Lackender Avenue at 1922 CST. A continuous damage path was noted with tree damage and some farm outbuildings damaged.

Johnson County

Iowa City

13

**1929CST
1937CST**

4.5

587

0

30

12M

Tornado (F2)

Rated very high F2 with winds estimated at 155 mph.

Tornado developed at the intersection of highways 1 & 218 on the southwest side of Iowa City at 1929 CST and tracked northeast through the city before lifting just northeast of the intersection of 1st Avenue & Hickory Trail at 1937 CST. This path took it through the southeast corner of the University of Iowa campus. This was the first tornado to hit near the campus in 35 years and the University was closed on Friday April 14th for safety reasons

The KIOW ASOS at the airport on the southwest side of the city recorded a peak wind gust of 49 knots (57 mph) at 1931 CST. This gust was likely the result of the rear flank downdraft as the tornado neared the intersection of U.S. 6 and highway 1 northeast of the airport. Hard times for the location of the tornado are 1930 CST at the Wal-Mart. At 1932-1933 CST power was lost at the Johnson County Sheriff's Office with telephone lines, LAN, and automated systems going down as the tornado passed over the building. While the tornado was passing over the sheriff's office, someone flipped the outdoor warning sirens from automatic to manual override and activated the sirens one final time.

Damage totals are still being evaluated and the \$12 million amount will likely be closer to \$15 million or possibly higher. Known damage amounts include; Iowa City and Johnson County \$4 million with an additional \$755,000 of uninsured losses (traffic lights, signs, street lights), University of Iowa \$6 million with the motor pool headquarters a total loss and 31 vehicles damaged, and \$1.3 million in damage to residences/businesses. Three automobile dealerships were damaged; one dealership had 200 vehicles damaged, a second had 60-70 vehicles damaged, and a third had nearly every vehicle sustaining some type of damage

A total of 1,016 residential and 35 commercial buildings were damaged with some destroyed. Some well known landmark buildings known to citizens, college students, and alumni were lost or heavily damaged. These included the Dairy Queen (lost) and St. Patrick's Church (heavily damaged). Several historic buildings were damaged downtown and it is unknown whether or not they can or will be saved. The tornado damaged the Alpha Chi Omega sorority house and damaged many student apartments located just off the campus on Iowa, Dodge, and Governor streets.

Given the strength and width of the tornado it is amazing that only 30 injuries (many minor) occurred. Many U of I students were unaware of what was happening or dashed to a nearby parking garage for safety with the tornado approaching a few blocks behind them. Several foreign exchange students, many of whom had never seen, experienced, or heard of a tornado, were in awe and disbelief over the magnitude of the event. At St. Patrick's Church, the Maundy Thursday evening service had just ended. Upon being told of an approaching tornado by Deacon Jerome Miller, the Reverend Rudolph Juarez ushered 50 to 75 parishioners (many elderly) to the safety of the rectory basement next door. This action saved the lives of everyone as the tornado tore off the roof off the church and collapsed the top portion of the brick facade and the steeple into the main congregation area.



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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IOWA, East Central and Southeast

Johnson County

4.7 NE Hills to 13 1938CST 5.1 700 0 0 70K Tornado (F1)
8.7 NNE Hills 1948CST

Rated high F1

Tornado began near the intersection of Taft Avenue and 480th Street at 1938 CST and moved east northeast. The tornado crossed U.S. 6 one mile east of its intersection with X14. At this point, the tornado turned to the left and traveled north crossing the Iowa Interstate Railroad and dissipated southeast of the intersection of Wapsi Avenue and 400th Street at 1948 CST.

When this tornado cross the IAIS tracks and F46, it just missed traveling through a natural gas tank farm and the 15 pipelines feeding into it.

A mobile home was destroyed and a house lost a portion of its roof. Considerable tree damage was noted and several farm outbuildings were damaged or unroofed.

Johnson County

4.1 SE Lone Tree to 13 1945CST 0.5 440 0 0 5K Tornado (F1)
4.5 SE Lone Tree 1946CST

crossed into Muscatine county

Tornado developed 4.1 miles southeast of Lone Tree at 1945 CST and moved east southeast for 0.5 miles before crossing into Muscatine County at 1946 CST. The tornado continued east southeast in Muscatine County before turning left and dissipating southeast of Adams at 2002 CST. While in Johnson County tree and outbuilding damage was noted.

Muscatine County

4.4 SW Nichols to 13 1946CST 8.9 440 1 1 120K Tornado (F1)
5.3 ESE Nichols 2002CST

Entered from Johnson County

Tornado developed 4.1 mile southeast of Lone Tree in Johnson County at 1945 CST and moved east southeast entering Muscatine County 4.4 miles southwest of Nichols at 1946 CST. The tornado continued east southeast crossing highway 70 and crossed near the intersection of Davis Avenue and 210th Street 3 miles south of Nichols. Here a 49 year old female was killed and her husband injured when their mobile home was destroyed. The tornado continued east southeast and entered Red Cedar WMA, crossed the Cedar River, and turned northeast. The tornado crossed the Cedar River a second time, crossed highway 22 and dissipated 1.8 miles southeast of Adams at 2002 CST.

Considerable tree and outbuilding damage occurred south of Nichols along with some damage to homes and garages.
F49MH

Johnson County

2.9 E Lone Tree to 13 1948CST 0.3 176 0 0 2K Tornado (F1)
3.2 E Lone Tree 1949CST

Crossed into Muscatine County

Tornado developed 2.9 miles east of Lone Tree at 1948 CST and moved east southeast 0.3 miles before crossing into Muscatine County at 1949 CST. Once in Muscatine County, the tornado continued east southeast and moved through the town of Nichols before turning left and dissipated 1 mile northeast of Nichols at 1956 CST.

In Johnson County, tree damage was noted with an outbuilding damaged.



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property Crops	Character of Storm
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IOWA, East Central and Southeast

Muscatine County

3.4 W Nichols to 1 NE Nichols	13	1949CST 1956CST	4.5	176	0	0	80K	Tornado (F1)
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Entered from Johnson County

Tornado developed 2.9 miles east of Lone Tree in Johnson County at 1948 CST and crossed into Muscatine County at 1949 CST. The tornado continued in a just south of east movement and entered the town of Nichols before curving to the north. The tornado dissipated 1 mile northeast of Nichols at 1956 CST.

A community center was unroofed and a new metal pole barn was destroyed. Tree damage was also noted

Muscatine County

4.2 WSW Muscatine to 2.1 S Muscatine	13	2013CST 2020CST	3.7	220	0	0	10K	Tornado (F0)
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Crossed the Mississippi River into Rock Island County Illinois

Tornado developed 4.2 miles west southwest of Muscatine at 2013 CST and moved east southeast across the U.S. 61 bypass and highway 92 and X61 across the south edge of Muscatine. The tornado moved into the Mississippi River and crossed over into Rock Island County Illinois 2.1 miles south of Muscatine at 2020 CST. Spotters on both sides of the Mississippi River observed the tornado cross the river.

Intermittent F0 damage to trees and outbuildings were noted while in Iowa.

Johnson County

8.3 NNE Hills to 8.3 NE Hills	13	2019CST 2020CST	0.5	25	0	0	10K	Tornado (F1)
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Rated F1

Tornado developed near the intersection of F46 and 420th Street at 2019 CST and moved southeast. It caused roof damage to a house. Ironically the same house had been damaged about 30 minutes earlier by the first tornado northeast of Hills

Scott County

4 W Le Claire to 2.6 W Le Claire	13	2042CST 2045CST	1.5	100	0	0	60K	Tornado (F1)
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Rated F1

Due to the careful note taking and damage description of the individual along with actually witnessing a funnel, this is classified as a rare tornado on the cold side of the front that was initiated by a downburst.

Tornado began just north of I-80 4 miles west of Le Claire at 2042 CST. The tornado traveled east northeast crossing 257th Avenue just south of 205th Street and dissipated on 205th Street about 0.5 miles east of the intersection of 257th Avenue and 205th Street at 2045 CST.

The corner of a wooden roof was torn off a cattle building and boards scattered (some nailed themselves into the wall of the corn crib next to it). The entire roof was lifted and then set back down. The south cinder block wall collapsed inward on the cattle building and the north walls bowed out to the northeast from the roof lifting off. A large shed door on the east side of the corn crib next to the cattle building was torn off and flung 50 yards to the northeast. The door hit a 100 year old tree trunk and knocked it out of the ground. A window was blown out on the east end of the corn crib next to the original cattle building. The window landed on the northwest corner of the property up and over on the opposite side of farmhouse some 975-980 yards distance.

Part of the steel sheeting was peeled back on the southwest corner roof of a new machine shed located to the north of the cattle building. A skylight window was sucked out of another freestanding cattle barn located to the east of the original cattle building

A wooden dog house on the porch of the farmhouse was flipped onto its roof and a power pole was knocked out a couple of miles northeast of the farm.



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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IOWA, East Central and Southeast

Lee County Montrose

15 1520CST 0 1 Lightning

At approximately 1520 CST a 14 year old male was struck by lightning in Montrose while riding a bike. The 911 call was received at 1522 CST. Medical personnel indicate the boy was conscious and aware of his surroundings, including his name.

Cedar County 4 W Tipton to 4 NE Tipton

15 2340CST
2350CST 0 0 200K Thunderstorm Wind (EG74)

A series of downbursts in a 3 mile wide path occurred from 4 miles west of Tipton to 4 miles northeast of Tipton. Winds were estimated at 70-78 knots (80-90 mph). Time is estimated based on radar. Newspapers reported trees down and a roof off of a barn 3 miles west of Tipton, and trees down 1.6 miles south southwest of Wald.

At the Marge Schott farm on Jackson Avenue, a 70 foot silo was destroyed along with 3 sheds and several trees. A house was damaged and a livestock trailer was flipped over. A the Jeff Meier home on 220th Street, the end of an equipment building was blown out. At the Tom and Lori Schott farm just down the road on 220th Street, a livestock building had the roof peeled off. At the co-operative observer 4 miles northeast of Tipton, a barn door was blown off with 8-10 inch diameter limbs down in the yard.

Cedar County 1 S Clarence to Clarence

15 2353CST
2357CST 0 0 100K Thunderstorm Wind (EG83)

The same line of storms produced a severe downburst in Clarence and immediately south. Winds with this downburst were estimated at 83-87 knots (95-100 mph).

In Clarence, Hunwardsen Fabrication lost the roof and one entire wall of their building with the debris scattered across the parking lot to the west. South of town a grain bin and a gazebo were destroyed.

An upper level disturbance allowed thunderstorms to develop in a semi-dry to semi-moist atmosphere across eastern Iowa and west central Illinois. A pulse severe storm occurred just east of the Mississippi River in Henderson County at Carthage Lake. In Iowa, a line of thunderstorms produced a series of damaging downbursts across Cedar County near the Tipton and Clarence areas.

Linn County Cedar Rapids

16 1135CST
1155CST 0 0 Hail(0.75)

Also reported by the EM. Near continuous hail occurred between 1135 to 1145 CST but most of it was non severe. Additionally 0.75 inches of rain fell in 15 minutes.

Benton County Keystone

16 1204CST 0 0 Heavy Rain

Dispatcher measured 1.75 inches of rain since 0600 CST.

Washington County 2.2 NW Haskins

16 1247CST
1253CST 0 0 3K Thunderstorm Wind (EG57)

A Pulse severe thunderstorm downed a tree and tore part of the roof off a shed on the Rick Gerot Farm.



		Time	Path	Path	Number of		Estimated		
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	Character of Storm

IOWA, East Central and Southeast

Scattered thunderstorms developed in a semi-moist atmosphere that was north of a warm front from central Iowa to central Illinois. The severe storms were mainly of the pulse variety producing hail. Additional rounds of storms developed in the late morning and early afternoon as low pressure moved east along the front

IAZ040>041-051>054-065>066-068

Buchanan - Delaware - Benton - Linn - Jones - Jackson - Cedar - Clinton - Scott

26	0400CST 0800CST	0	0	Frost/Freeze
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Unseasonably cold weather settled across eastern Iowa and northern Illinois on the early morning hours of 26 April. Morning low temperatures were in the upper 20s with Lowden, Iowa and Morrison, Illinois both reporting 26 degrees. Mt. Carroll, Illinois recorded 22 degrees.

These cold temperatures met or exceeded the median or 10 percent probability of reaching temperatures of such magnitude, and in some cases, beat the possible date of occurrence by 7 to 10 days. Abnormally warm weather two weeks prior to this event resulted in many trees leafing out. There was probable damage done to fruit orchards or farms but the extent is unknown. The damage is likely less than the freeze that took place in early May of 2005.

Scott County
Davenport

30	1530CST	0	0	0.50K	Thunderstorm Wind (EG52)
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A collapsing thunderstorm produced a downburst that took down a large 8-10 inch diameter tree branch near Genesis West in the 2100 block of Marquette Street.

**Scott County
Parkview**

30	1550CST	0	0	Heavy Rain
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Streets flooded with cars stranded. An NWS employee living in the unincorporated development only observed water 2-3 inches deep.

Scott County
Davenport

30	1554CST	0	0	Heavy Rain
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Street flooding with water 2-3 inches deep at Bridge and East 37th; 2.10 inches of rain in the past hour.

Other favored areas were flooded when rainfall of such magnitude occurs in a short time period. One was the parking lot at St Ambrose University on Locust Street. It was flooded with standing water up to 1 foot deep. Duck Creek responded to the heavy rainfall and reached the lowest levels of the bike path in Davenport at Brady Street and Kimberly Road

**Scott County
Bettendorf**

30	1640CST	0	0	Heavy Rain
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Wife of an NWS employee reported minor street flooding.

A slow moving occluded front running from Prairie Du Chien, Wisconsin to Springfield, Illinois provided the focus for thunderstorms to develop in a semi-moist atmosphere. A few pulse severe storms occurred in the metropolitan area which produced mainly hail. Although the storms were fast movers, training of storms occurred along the front that resulted in rainfall rates of up to 2 inches in one hour or less. This training resulted in streets flooding with standing water of up to 8 inches deep. The city of Milan bore the brunt of the training storms with many downtown streets filled with water. Fourth Street passing under I-280 saw the worst flooding with standing water estimated at 1-2 feet deep.



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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MISSOURI, Northeast

Scotland County

1 W Memphis	02	1440CST			0	0	0.50K		Hail(0.88)
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Scotland County

7 NE Memphis	02	1458CST			0	0	2K		Hail(1.00)
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Clark County

Kahoka	02	1512CST			0	0	3K		Hail(1.00)
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Also reported by spotters; penny to quarter size hail

Clark County

Athens State Park	02	1520CST			0	0	0.50K		Hail(0.88)
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From co-op observer

Clark County

4.5 WNW Anson	02	1523CST			0	0			Hail(0.75)
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dime size hail

Clark County

Kahoka	02	1525CST			0	0	20K		Thunderstorm Wind (EG70)
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Downburst pushed an older style house (built early 1900s) off its foundation resulting in its collapse. The house was around 1000 square feet and in liveable but not great condition. Based on reports from the spotter, winds were estimated at 70-78 knots (80-90 mph).

A strong spring storm system moved from the central Plains into the Great Lakes region on 2 April 2006. A strong low level jet of 40-50 knots (46-58 mph) allowed thunderstorms to develop in the semi-moist atmosphere of the warm sector. These storms rapidly developed into a squall line that raced northeast across far northeast Missouri, southeast Iowa, and west central Illinois. The storms were prolific non-severe hail producers while at the same time producing severe hail. Eight tornadoes were produced across southeast Iowa and west central Illinois by this squall line. A second squall line developed along the occluded front in eastern Iowa and moved northeast into northwest Illinois producing some wind and hail damage.